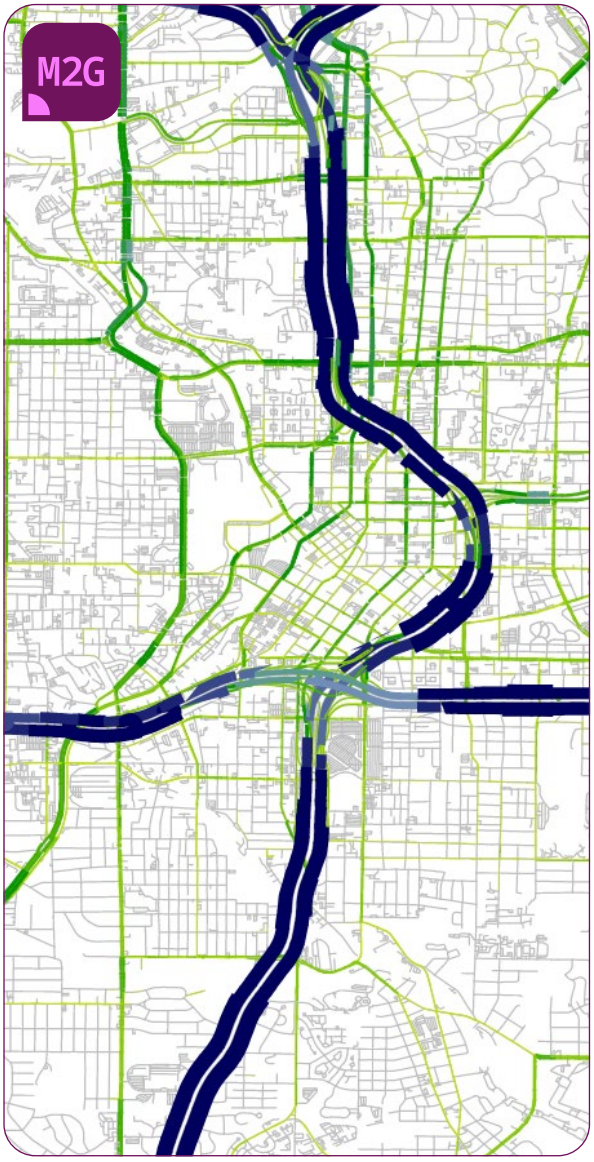
PTV Model2Go

Ready-to-use
transport model
in just one week

PTV GROUP
part of Umovity

PTV Model2Go: The fastest way to a new transport model of your city



PTV Model2Go is a game changer in city and transportation planning: It uses a new technology that automates important parts of the model-building process and delivers a basic transport model of any city or metropolitan area in the world in just one week.

Additionally, any transport model, can be delivered with travel demand data powered by TomTom.

Developing a transport model manually takes months and requires lots of resources and knowhow. PTV Model2Go drastically reduces the time, effort and cost of model-building, making model-based decision-making viable even for small projects.

Your benefits:

Head start in traffic planning

Shorten the time to model from months to days and focus on what matters

Robust and reliable

Avoid human error with automatic data collection and integration

Data driven decisions

Improve decision making with hard facts from models

Accurate results

OD matrices are free from being bound to zones

Models for multimodal transport

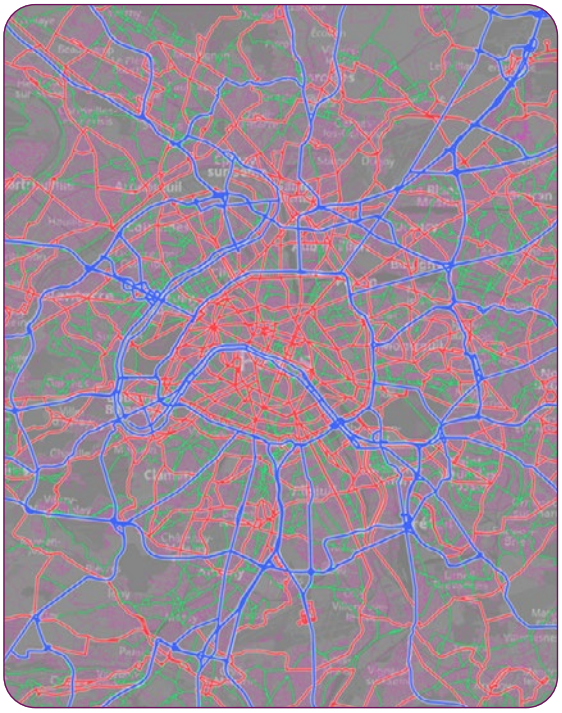
Plan mobility holistically by taking into account all modes of transport

Reliable data sources

Models include trustworthy data from e.g. TomTom, Here and OSM

PTV Model2Go variants:

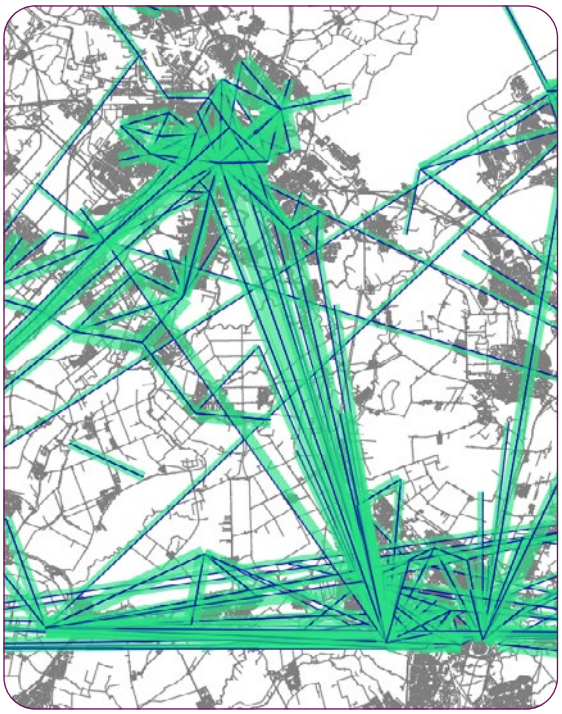
PTV Model2Go Supply



PTV Model2Go Supply represents the network supply of different modes of transport. That includes the road network and associated parameters, such as route types, speeds, and capacities. The automated model also contains the public transport network, timetables, points of interest and structural data. Traffic zones can be generated as well. PTV Model2Go Supply is ready for immediate use after delivery for analysis and visualization.

Supply data coverage:
- Spatial data on population & land use
- Information on lines and line routes of all PT operators
- Detailed current timetable of operating days
- Free flow speeds
- Number of lanes for all links
- Junction geometries & signal timing estimation
- Public transport supply data
- Zone system
- Land use data (e.g. from OpenStreetMap)
- Truck speeds

PTV Model2Go Demand



The new cloud-based process combines smart automation technology with details about the origin/destination demand for your desired area. The travel demand matrices are powered by TomTom's trustworthy, scalable and reliable traffic data, covering, depending on the geographical area, 10% to 30% of the total private transport road traffic, reducing the effort to collect data empirically.

The OD data, which is anonymized and compliant with data privacy regulations such as GDPR, is yet precise to the point, making it applicable to your desired matrix – resulting in even more accurate results.

Use the data to get insights on the following:
- Road closure and the effect on traffic heavy street
- Origin trips
- Generated trips per km^2 per work day
- Car volumes per day
- Desire lines of the 500 most important ODs
- Traffic volume on cycling routes

A selection of satisfied PTV customers:

DEPARTMENT OF TRANSPORT

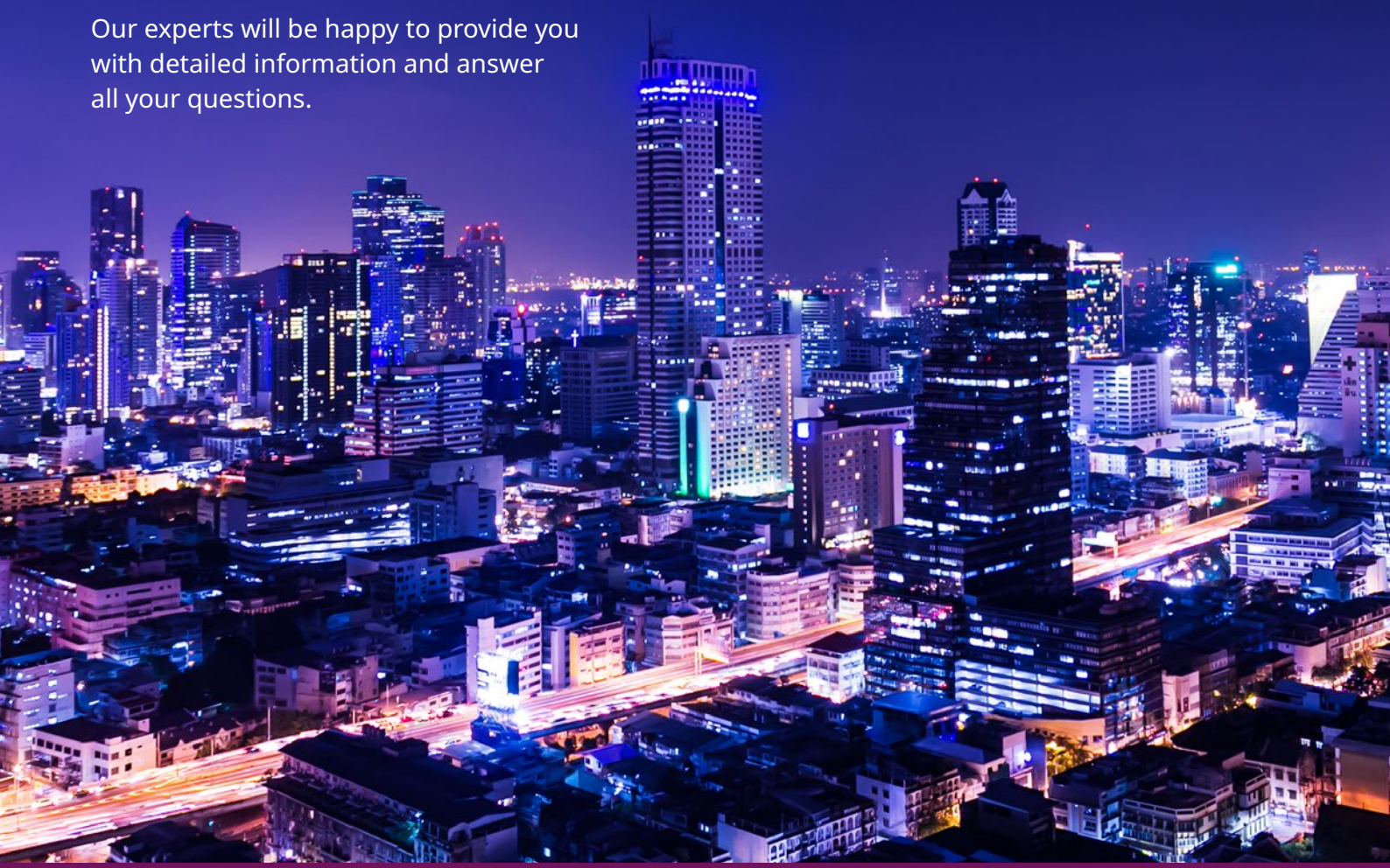
DB

European Commission

TRANSPORT FOR LONDON
EVERY JOURNEY MATTERS

Model.
Set.
Go.

Our experts will be happy to provide you with detailed information and answer all your questions.



Common use cases for PTV Model2Go:

Transport Master Plan

- Maximize the effectiveness of your city's investment in transportation infrastructure
- Plan and develop transportation systems and land use
- Provide inclusive access with a variety of modes for everyone

Traffic Impact Analysis

- Perform traffic impact (TIA), network and level of service analysis (LOS) based on information on trip generation, distribution, assignment, volumes and origin/destination data

Public Transport Planning

- Evaluate network and timetable variants and operating concepts based on PT supply plan
- Run PT accessibility studies
- Test a diverse series of improvements to the public transit network system and their ability to improve the potential for transit travel in the region

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